STATION APPARATUS

APPLICATION OF CORROSION INHIBITOR

This index lists the information that forms a part of, or supplements this specification, and indicates the authorized issues thereof. In cases where BSRS Supplementary Specifications have not yet been issued, the D Series Bell System Practices of the same number shall be used.

PAGE 1 ISSUE	1	2											
DATE	10/54	1/55											
NUMBER	ISSUES AUTHORIZED ON ABOVE DATE												TITLE
Page 2	1	2											
" 3	1	2											
~~SUPL SPEC~~													
~~BSRS 350.001~~	~~c~~												~~General Requirements~~

c – Information in accordance with that currently authorized.

1. GENERAL

1.01 This specification covers the requirements for the application of a corrosion inhibitor (KS-14681 antirust compound) to the interior surfaces of station apparatus during recovery and repair. It is intended for use where corrosive effects of moisture, atmospheric conditions, or insect damage are prevalent.

1.02 Omitted on issue 2 of this page. ←

2. MATERIALS

2.01 The material to be used shall be antirust compound KS-14681, list 1 or list 2. The list number of the material to be used and the particular areas or parts of the apparatus to be treated shall be specified by the telephone company.

3. APPLICATION

3.01 Apparatus to be treated initially shall be "Cleaned." Loose rust or loose corrosive formations shall be removed before application of the antirust compound.

(a) Apparatus which has been treated previously either in the field or during the course of recovery and repair shall be examined visually to determine the presence and condition of the compound. Unless otherwise specified by the telephone company, apparatus on which antirust compound is present in good condition need not be re-treated.

(b) If the antirust coating has been disturbed during repair or field service operations, the apparatus shall be re-treated.

3.02 Except as stated in (a) and (b), all parts of station apparatus, such as telephone sets, subscriber sets, etc, on which field trouble is experienced due to corrosion, may be treated with a continuous coat of antirust compound. The areas or parts of apparatus to be treated shall be specified by the telephone company.

(a) The following surfaces shall be free from compound:

(1) Dial governors

(2) Filament end of lamps

(3) Keys in single and multibutton sets

(4) All parts of handsets, transmitters, and receivers

(5) Exposed surfaces where it may be rubbed off on the clothes or person

(6) Coin gauges, washer reject mechanism, and coin chutes

(7) Gongs

(b) Care shall be exercised to avoid getting compound on the following surfaces:

(1) Dial - contacts and pawl

(2) B- and numbered-type ringers - armature bearings, springs, stops, and areas which may contact each other during operation ←

(3) C-type ringers - airgap between both faces of unit pole piece and the armature, and between the permanent magnet and the armature

(4) Switch - plungers and contacts

(5) Coin collector relay assemblies and all surfaces contacted by coins

4. TESTS AND ADJUSTMENTS

4.01 Apparatus treated with antirust compound shall be capable of meeting all tests and adjustments specified in the applicable recovery and repair specifications.